

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 28, 2002, 17:31:42 ; Search time 30.03 Seconds
(without alignments)
171.622 Million cell updates/sec

Title: US-09-502-984B-6

Perfect score: 1098

Sequence: 1 KFEKKAALLAARPEELCF.....AEPFGGFWMSKSPVSLTR 211

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1060	96.5	488	4	US-08-776-511-2
2	1053	95.9	508	2	US-08-850-293-5
3	190.5	17.3	185	1	US-07-676-647-10
4	190.5	17.3	185	1	US-08-449-329-10
5	190.5	17.3	185	2	US-08-445-073-10
6	190.5	17.3	185	2	US-08-585-258-10
7	190.5	17.3	185	4	US-09-211-590-10
8	190.5	17.3	185	5	PCT-US91-03896-10
9	167	15.2	482	1	US-08-184-327A-8
10	167	15.2	482	5	PCT-US95-00670-8
11	166	15.1	633	1	US-08-250-859-17
12	166	15.1	633	1	US-08-490-803-17
13	166	15.1	633	2	US-08-457-254-7
14	166	15.1	633	5	PCT-US94-08806-17
15	166	15.1	633	5	PCT-US95-01775-17
16	166	15.1	633	5	PCT-US95-16626-7
17	164	14.9	626	1	US-08-184-327A-2
18	164	14.9	626	5	PCT-US95-00670-2
19	160	14.6	30	4	US-08-280-864A-7
20	160	14.6	30	4	US-09-092-291-7
21	146	13.3	448	2	US-08-078-311-12
22	146	13.3	448	2	US-08-460-402-12
23	146	13.3	493	2	US-08-078-311-7
24	146	13.3	493	2	US-08-460-402-7
25	146	13.3	635	2	US-08-184-327A-4
26	146	13.3	635	2	US-08-078-311-1
27	146	13.3	635	2	US-08-460-402-1

28	146	13.3	635	5	PCT-US95-00670-4	Sequence 4, Appl
29	145	13.2	29	4	US-08-280-864A-8	Sequence 8, Appl
30	145	13.2	29	4	US-09-092-291-8	Sequence 8, Appl
31	145	13.2	30	2	US-08-280-864A-10	Sequence 10, Appl
32	145	13.2	30	4	US-09-092-291-10	Sequence 10, Appl
33	144	13.1	31	2	US-08-078-311-28	Sequence 28, Appl
34	144	13.1	31	2	US-08-460-402-28	Sequence 28, Appl
35	143	13.0	30	2	US-08-280-864A-9	Sequence 9, Appl
36	143	13.0	30	4	US-09-092-291-9	Sequence 9, Appl
37	142	12.9	30	2	US-08-280-864A-11	Sequence 11, Appl
38	142	12.9	30	4	US-09-092-291-11	Sequence 11, Appl
39	134	12.2	30	2	US-08-280-864A-12	Sequence 12, Appl
40	134	12.2	30	4	US-09-092-291-12	Sequence 12, Appl
41	127	11.6	32	2	US-08-280-864A-13	Sequence 13, Appl
42	127	11.6	32	4	US-09-092-291-13	Sequence 13, Appl
43	123.5	11.2	389	4	US-09-071-224-24	Sequence 13, Appl
44	122.5	11.2	303	4	US-09-071-224-23	Sequence 23, Appl
45	122.5	11.2	389	4	US-09-071-224-22	Sequence 22, Appl

ALIGNMENTS

```
RESULT 1
US-08-776-511-2
; Sequence 2, Application US/08776511
; Patent No. 6153190
; GENERAL INFORMATION:
; APPLICANT: Young, Peter R.
; APPLICANT: Erickson-Miller, Connie
; TITLE OF INVENTION: Method for Obtaining Receptor Agonist
; TITLE OF INVENTION: Antibodies
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation- Corporate
; ADDRESSEE: Patents
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-2799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/776,511
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jervais, Herbert H.
; REGISTRATION NUMBER: 31,171
; REFERENCE/DOCKET NUMBER: SBC P50349-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5015
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 488 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-776-511-2

Query Match          96.5%; Score 1060; DB 4; Length 488;
Best Local Similarity 93.8%; Pred. No. 1.4e-114;
Matches 198; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY      1 KFEKKAALLAARPEELCFTERLEDLVCFEERASAGVGNFSPFQLEDEPMKLCRL 60
        |||||||
Db      34 KFEKKAALLAARPEELCFTERLEDLVCFEERASAGVGNFSPFQLEDEPMKLCRL 93
```

[illegible]

```

1 RESULT 2
2 US-08-850-293-5
3 : Sequence 5, Application US/08850293
4 : Patent No. 5843726
5 :
6 : GENERAL INFORMATION:
7 : APPLICANT: Lee, Jong Y.
8 : TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
9 : TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
10 : NUMBER OF SEQUENCES: 5
11 : CORRESPONDENCE ADDRESS:
12 : ADDRESSEE: Fish & Richardson P.C., P.A.
13 : STREET: 60 South Sixth Street, Suite 3300
14 : CITY: Minneapolis
15 : STATE: MN
16 : COUNTRY: USA
17 : ZIP: 55402
18 :
19 : COMPUTER READABLE FORM:
20 : MEDIUM TYPE: Floppy disk
21 : COMPUTER: IBM compatible
22 : OPERATING SYSTEM: DOS
23 : SOFTWARE: FastSeq for Windows Version 2.0
24 : CURRENT APPLICATION DATA:
25 : APPLICATION NUMBER: US/08/850,293
26 : FILING DATE: 05-MAY-1997
27 :
28 : CLASSIFICATION: 435
29 : PRIOR APPLICATION DATA:
30 : APPLICATION NUMBER: 08/499,643
31 : FILING DATE: 07-JUL-1995
32 : PRIOR APPLICATION DATA:
33 : APPLICATION NUMBER: 08/106,815
34 : FILING DATE: 16-AUG-1993
35 :
36 : ATTORNEY/AGENT INFORMATION:
37 : NAME: Ellinger, Mark S.
38 : REGISTRATION NUMBER: 34,812
39 : REFERENCE/DOCKET NUMBER: 07004/002001
40 : TELECOMMUNICATION INFORMATION:
41 : TELEPHONE: 612/335-5070
42 : TELEFAX: 612/288-9696
43 :
44 : INFORMATION FOR SEQ ID NO: 5:
45 : SEQUENCE CHARACTERISTICS:
46 : LENGTH: 508 amino acids
47 : TYPE: amino acid
48 : TOPOLOGY: linear
49 :
50 : MOLECULE TYPE: protein
51 :
52 : US-08-850-293-5

```

Query Match	95.98;	Score 1053;	DB 2;	length 508;
Best Local Similarity	93.48;	Pred. No. 9.6e-114;		
Matches 197;	Conservative 11;	Mismatches 3;	Indels 0;	Gaps 0;

0y	1	KFEESAALLAARGPELLCFFEREDJYCFFEEAASAGVGNGNSFFOJDEDEPMKICRL	60
Db	34	KFEESAALLAARGPELLCFFEREDJYCFFEEAASAGVGNGNSFFOJDEDEPMKICRL	93
0y	61	HOAPPAKARATFWCSLPAADTSSFPVLELRITAAASGAPRHRVTHINEVLLDAPGVLA	120
Db	94	HOAPPAKARATFWCSLPAADTSSFPVLELRITAAASGAPRHRVTHINEVLLDAPGVLA	153

[illegible]

```

1      RESULT      3
2      US-07-676-647-10
3      : Sequence 10, Application US/07676647
4      : Patent No. 5426177
5      :
6      : GENERAL INFORMATION:
7      :
8      : APPLICANT: Davis, Samuel
9      : APPLICANT: Squinto, Stephen P.
10     : APPLICANT: Furlth, Mark E.
11     : APPLICANT: Vancopoulos, George D.
12     : TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
13     : NUMBER OF SEQUENCES: 15
14     :
15     : CORRESPONDENCE ADDRESS:
16     : ADDRESSEE: Pennile & Edmonds
17     : STREET: 1155 Avenue of the Americas
18     : CITY: New York
19     : STATE: New York
20     : COUNTRY: U.S.A.
21     :
22     : ZIP: 10036
23     :
24     : COMPUTER READABLE FORM:
25     : MEDIUM TYPE: Floppy disk
26     : COMPUTER: IBM PC compatible
27     : OPERATING SYSTEM: PC-DOS/MS-DOS
28     : SOFTWARE: Patentin Release #1.0, Version #1.25
29     :
30     : CURRENT APPLICATION DATA:
31     : APPLICATION NUMBER: US/07/676,647
32     : FILING DATE: 19910328
33     : CLASSIFICATION: 514
34     :
35     : ATTORNEY/AGENT INFORMATION:
36     : NAME: Mirock, S. Leslie
37     : REGISTRATION NUMBER: 18,872
38     : REFERENCE/DOCKET NUMBER: 6526-048
39     : TELECOMMUNICATION INFORMATION:
40     : TELEPHONE: 212 790-9090
41     : TELEFAX: 212 8698864/9741
42     :
43     : TELEX: 66141 PENNIE
44     : INFORMATION FOR SEQ ID NO: 10:
45     : SEQUENCE CHARACTERISTICS:
46     : LENGTH: 185 amino acids
47     : TYPE: AMINO ACID
48     : STRANDEDNESS: single
49     : TOPOLOGY: linear
50     :
51     : MOLECULE TYPE: peptide
52     :
53     : US-07-676-647-10

```

Query Match	17.3%;	Score 190.5;	DB 1;	Length 185;
Best Local Similarity	28.5%;	Pred. No. 2.7e-14;		
Matches 53; Conservative	5;	Mismatches 127;	Indels 1;	Gaps 1;

```

79 ADTSFVPELELRITASGAPREHVIHNEVLDPVGLVARLADESGHVIIRMLPPE 138
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

```

[illegible]

QY	199	FWSAMS	204
Db	180	FWSAMS	185

```
RESULT 4
US-08-449-329-10
; Sequence 10, Application US/08449329
; Patent No. 5648334
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/449,329
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/700,677
; FILING DATE: 15-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-449-329-10
```

```
Query Match 17.3%; Score 190.5; DB 1; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1:
QY 19 CFTERLEDVCFEEAASAGVPGNFSFQLEDEPWKLCRLHOAPTARGAIRFMCSLPT 78
Db 1 CFTQRLLEDVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSSEFLELRLLTAAGAPRFRVYIHNEVLLDAPVGLVARLADSGHVYIRWLPPPE 138
Db 60 XXXXXXXXXXXXXXXXXXXXXXXXXXXXIHNEVLLDAPGLARRAEESGVVLRWXXXXX 119
QY 139 TPMTSHIRELDISAGNGAGSVORVELLEGRTCEVLSNLRGTRITIAVRARMAEPSPFG 198
Db 120 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXVVRARMAEPSPFG 179
QY 199 FWSAMS 204
Db 180 FWSAMS 185
```

```
RESULT 5
US-08-445-073-10
```

```
; Sequence 10, Application US/08445073
; Patent No. 5849897
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,073
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-445-073-10
```

```
Query Match 17.3%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1:
QY 19 CFTERLEDVCFEEAASAGVPGNFSFQLEDEPWKLCRLHOAPTARGAIRFMCSLPT 78
Db 1 CFTQRLLEDVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSSEFLELRLLTAAGAPRFRVYIHNEVLLDAPVGLVARLADSGHVYIRWLPPPE 138
Db 60 XXXXXXXXXXXXXXXXXXXXXXXXXXXXIHNEVLLDAPGLARRAEESGVVLRWXXXXX 119
QY 139 TPMTSHIRELDISAGNGAGSVORVELLEGRTCEVLSNLRGTRITIAVRARMAEPSPFG 198
Db 120 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXVVRARMAEPSPFG 179
QY 199 FWSAMS 204
Db 180 FWSAMS 185
```

```
RESULT 6
US-08-585-258-10
; Sequence 10, Application US/08585258
; Patent No. 5892003
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
```

APPLICANT: Squinto, Stephen P.
APPLICANT: Furtth, Mark E.
APPLICANT: Yancopoulos, George D.
TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,258
FILING DATE: 11-JAN-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/001,904
FILING DATE:
APPLICATION NUMBER: US/07/700,677
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6526-065
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 8698664/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 185 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-585-258-10

Query Match 17.3%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CFTERLEDVCFEEASAGVGPNGFSFQLEDEPWKLCRLHQAPTAIRGAIFFWCSLPT 78
DB 1 CFTQRELDVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSFPELRLTAASGAPRFHVIHINEVLLDAPVGLVARLADSGHVIRLPPPE 138
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARAEGSHVLRWXXXX 119
QY 139 TPMTSHIRFELDISAGNGASVQVELLEGRTCVLSNLGRTRITIAVARNAPEPSFG 198
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXVRAARAEPSFG 179
QY 199 FWSAMS 204
DB 180 FWSAMS 185

RESULT 7
US-09-211-590-10
Sequence 10, Application US/09211590
Patent No. 6316206
GENERAL INFORMATION:
APPLICANT: Davis, Samuel
APPLICANT: Squinto, Stephen P.
APPLICANT: Furtth, Mark E.

APPLICANT: Yancopoulos, George D.
TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,590
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/676,647
FILING DATE: 28-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6526-048
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 8698664/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 185 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-211-590-10

Query Match 17.3%; Score 190.5; DB 4; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CFTERLEDVCFEEASAGVGPNGFSFQLEDEPWKLCRLHQAPTAIRGAIFFWCSLPT 78
DB 1 CFTQRELDVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSFPELRLTAASGAPRFHVIHINEVLLDAPVGLVARLADSGHVIRLPPPE 138
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARAEGSHVLRWXXXX 119
QY 139 TPMTSHIRFELDISAGNGASVQVELLEGRTCVLSNLGRTRITIAVARNAPEPSFG 198
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXVRAARAEPSFG 179
QY 199 FWSAMS 204
DB 180 FWSAMS 185

RESULT 8
PCT-US91-03896-10
Sequence 10, Application PC/TUS9103896
GENERAL INFORMATION:
APPLICANT: Davis, Samuel
APPLICANT: Squinto, Stephen P.
APPLICANT: Furtth, Mark E.
APPLICANT: Yancopoulos, George D.
TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds

```

STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03896
FILING DATE: 19910603
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mistrick, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6526-065-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 8698864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 185 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
PCT-US91-03896-10

```

Query Match	17.38;	Score 190.5;	DB 5;	Length 185;
Best Local Similarity	28.58;	Pred. No. 2.7e-14;		
Matches	53;	Mismatches 127;	Indels 1;	Gaps 1;
		Conservative		

QY	19	CFTRELDVOCFEFEAASAGVCPGNFSFQLEDEPMKLCRLHQAPARGAIRWCSLPT	78
Db	1	CFTRELDVOCFMAXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	59
QY	79	ADTSSFVPELELRTAASGAPRFRHVIHINEVLLDADVGLVARLADESGHVIKRLPPE	138
Db	60	XXXXXXXXXXXXXXXXXXXXHINIEVLLDADVGLVARLADESGHVIKRLPPE	119
QY	139	TPMTSHIRFELDISAGNGAGSVQVRELLCGTRECVCNLGRRTITTAVRARMAEPFG	198
Db	120	XXVRRARMAEPFG	179
QY	199	FWSAMS 204	
Db	180	FWSAMS 185	

RESULT 9
 US-08-184-327A-8
 Sequence 8, Application US/08184327A
 Patent No. 5498599
 GENERAL INFORMATION:
 APPLICANT: Chol, Esther S.
 APPLICANT: Hokom, Martha M.
 APPLICANT: Hunt, Pamela
 APPLICANT: Nichol, Janet L.
 TITLE OF INVENTION: Compositions And Methods For Stimulating
 Platelet Production
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Amgen Inc., U S. Patent Operations/RRC
 STREET: 1840 DeHavilland Drive
 CITY: Thousand Oaks
 STATE: CA
 COUNTRY: USA
 ZIP: 91320-1789
 COMPUTER READABLE FORM:

```

1 MEDIUM TYPE: Floppy disk
2
3 COMPUTER: IBM PC compatible
4
5 OPERATING SYSTEM: PC-DOS/MS-DOS
6
7 SOFTWARE: Patentin Release #1.0, Version #1.25
8
9 CURRENT APPLICATION DATA:
10
11 APPLICATION NUMBER: US/08/184,327A
12
13 FILING DATE: 20-JAN-1994
14
15 CLASSIFICATION: 514
16
17 INFORMATION FOR SEQ ID NO: 8:
18
19 SEQUENCE CHARACTERISTICS:
20
21 LENGTH: 482 amino acids
22
23 TYPE: amino acid
24
25 TOPOLOGY: linear
26
27 MOLECULE TYPE: protein
28
29 US-08-184-327A-8

```

Query Match	15.2%;	Score 167;	DB 1;	Length 482;
Best Local Similarity	23.8%;	Pred. No. 5.8e-11;		
Matches 62;	Conservative 33;	Mismatches 105;	Indels 60;	Gaps 8;

QY	4	SKAALLIARGEEELICTERLEDIVCFEEEAASAGVPGNFSFSOLEDEDEWIKICRIHQ	63
Dd	18	SQDVFLLALGETRPLNCSQTFEDLTCWDEEBA--PSGTQQLLYAARGEKPRACPLYSQ	75
QY	64	PTARGAIRFWCSLPTAD--TSFSFVPLELRLLTAAS--GAPFRHRYIHINEVYLIDAPVGLAR	122
Dd	76	SVPTFGTGYVCOFAPOAEVRLFFPLHLMLVKNVSLNQTLLQIVLEVDSSVGLPAPRVIKAR	135
QY	122	LADSGHNVITW-LPRPETPMTHSHREFDI-----SAGNGAGSYOREVILLEGFR-----	176
Dd	136	GGSGQEGELQIHWEPAPR--LSDFLRHRLRYGPRDSSNATRAPSY--TQLLSTETCCPPLW	191
QY	171	-----ECVLSNLNGRTIRITIIAVRA	185
Dd	192	MPNPVPLVDPCVHPPTAASQPHGVRTSPAGAEPLFLVKGSGCLVSGIQAASKSYMLQDRS	251
QY	190	RMAEBSFGGFNSAMSEPSYL	209
Dd	252	QPDGVSILGSGWPMWSFPVTV	271

RESULT 10
PCT-US95-00670-8
Sequence 8, Application PC/TUS9500670
GENERAL INFORMATION:
APPLICANT: Choi, Esther S.
APPLICANT: HOKOM, Martha M.
APPLICANT: Hunt, Pamela
APPLICANT: Nichol, Janet L.
TITLE OF INVENTION: Compositions And Methods For Stimulating
TITLE OF INVENTION: Platelet Production
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: CA
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00670
FILING DATE: 18-JAN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,327
FILING DATE: 20-JAN-1994
INFORMATION FOR SEQ ID NO: 8:

```

; SEQUENCE CHARACTERISTICS:
;     LENGTH: 482 amino acid
;     TYPE: amino acid
;     TOPOLOGY: linear
;     MOLECULE TYPE: protein
PCT-US95-00670-8

```

Query Match	15.2%	Score 167;	DB 5;	Length 482;
Best Local Similarity	23.8%	Pred	No. 5.8e-11;	
Matches 62;	Conservative 33;	Mismatches 105;	Indels 60;	Gaps 8

Qy	4	SKAALLARGEBELLICFERLEDIVCFEEEAASAGVBNFSFQLEDEBWKICRHHQA	63
Db	18	SQDVFLATLGRLEPLNCFQTFEDLTCFMEDEEAA--PSGTYQLLXAYRGEKFRACPLYSQ	75
Qy	64	PTARGAIFWCSSLPLAD--TSSFVPLELRITAA--GAPRFRHVIHINEVLLADAVGLAR	121
Db	76	SVPTFGTGYCOFPADQEDVRLFPFLHMKVNSLNQTLQIOLFEVDSVGLPAPRIVIKAR	133
Qy	122	LADSGHVIVRM--LPPEPTPMTHIRFELDI-----SAGNGAGSYQVRELLEGRT--	170
Db	136	GGSQSGELQIHWEAPAP--ISDFLRHRLRIGPTDSSNATAPSV--IQLLSTECPCPLW	191
Qy	171	-----ECVLSNLGRTRITIAVRA	189
Db	192	MPNPVPLVDQPCVHPRTASQPHGVPRTSPAGEADFLIVKGGSCGLVSGIQAASKSYWLQRS	251
Qy	190	RMALPSPFGGFWMSAMSEPVSL	209
Db	252	QPDGVSILRSGMGPMSSEPVTV	271

```

RESULT 11
US-08-250-859-17
Sequence 17, Application US/08250859
Patent No. 5541085
GENERAL INFORMATION:
APPLICANT: Holly, Richard D.
APPLICANT: Burkhead, Steven K.
TITLE OF INVENTION: METHOD FOR PREPARING ORPHAN RECEPTOR LIGANDS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 4225 Roosevelt Way, N.E.
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250, 859
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31-648
REFERENCE/DOCKET NUMBER: 94-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-547-8080 ext 322
TELEFAX: 206-632-4009
INFORMATION FOR SEQ. ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-250-859-17

```

Query Match	15.1%;	Score 166;	DB 1;	Length 633;
Best Local Similarity	23.8%;	Pred. No. 1.1e-10;		
Matches	62;	Conservative	33;	Mismatches 105;
			Indels	60;
			Gaps	8;

```
OY      4 SKAALLNARGEELICTETERLEDJVCFFEEAASAGVOPGNFSFEOLEDEPMWICRIHOA 63
Dz      25 SÖVEILLALTEPLNCSPSQREEDLTCEWDEBEAA - PSGTYYOLLUYARGEKPRACPIYSQ 82

OY      64 PTAGAALRFMCSLPTAD-TSFEVYLRLRITLAAS-GARFRHVIHINIVLLDAPCVLAR 121
Db      83 SVPTGTRYYCQFAOEVBRLFEFLRLHWKNVSINQTLIDRVLFDSDVGPPAPPRYTAKAR 142
OY      122 LADESGHVYIRK-LPPEETPWTSIHREFLDI---SAGNGASVOYRELLEGRT----- 170
Db      143 GGSQPGDELQIMWEAPARE--ISDFLRHELGRPTDSMNATAPSV--IQLLSTECPTLM 198
OY      171 -----ECVLSMLRGRTITLIAVRA 169
Db      199 MPNEPVYLDORPCVHPITASOPHGCFVRTSPAGEAEFLTLYKGSGCLVSLQAGKSYMLOLRS 258
OY      190 RMAEPSFCGFMSANSEPSVL 209
Db      259 QPDGVSLRGSMGMPSPFYTV 278
```

```

US-08-490-803-17
US-RESULT 12
US-08-490-803-17
Sequence 17 Application US/08490803
Patent No. 5703349
GENERAL INFORMATION:
APPLICANT: Holly, Richard D.
APPLICANT: Burkhead, Steven K.
TITLE OF INVENTION: METHOD FOR PREPARING ORPHAN RECEPTOR LIGANDS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 4225 Roosevelt Way, N.E.
City: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/490,803
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31-648
REFERENCE/DOCKET NUMBER: 94-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-547-8080 ext 322
TELEFAX: 206-632-4009
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-490-803-17
```

Query Match 15.1%; Score 166; DB 1; Length 633;
Best Local Similarity 23.8%; Pred. No. 1.1e-10;
Matches 62; Conservative 33; Mismatches 105; Indels 60; Gaps 8.

THIS PAGE BLANK (USPTO)